# ADE IT Modernization Effort Update

Presented to:

Arizona Data Governance Commission

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Mark T. Masterson

Chief Information Officer

Chris Kotterman/Aiden Fleming

# LEGISLATIVE UPDATE

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Pamela Smith
# SAIS BUSINESS RULES VALIDATION

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# SAIS business rules validation

- School Finance Advisory Group Meeting
  - Tentatively scheduled for March 22
  - Opportunity to reestablish previous standing committee

- Next step since completing SAIS business rules statute mapping
  - Presented project to DGC in 2012
  - Remains a task for ADE

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# Committee objectives

- Review all SAIS business rules and validate interpretation

- Establish a communication vehicle between LEAs and ADE

- Bring the work efforts of ADE and LEAs into better alignment

- Focus resources on the same goals and objectives

- Help maintain operational compliance with Arizona State Education Code

- Re-establish trust between ADE its customers

Jolene Newton
# INSTRUCTIONAL IMPROVEMENT SYSTEM

# MCESA AELAS opt-in model

| Foundation | Extended Foundation | Integrated | Fully Integrated |
|---|---|---|---|
| 1. Student/Teacher /Course Connection<br>2. Identity Management System<br>3. Student Information System (SIS) Link<br>4. School Payment System (SAIS Payment Replacement)<br>5. Ed-Fi dashboards for districts<br>6. Public View (ED³S) | 1. Foundation Components<br>2. E-Learning Platform<br>  • Learning Management System (LMS)<br>  • Content Management System (CMS)<br>  • Professional Development Management System (PDMS)<br>  • Observation and Evaluation Systems | 1. Foundation and Extended Foundation Components<br>2. Assessment System<br>3. Services Integrated into ED³S providing Decision Support | 1. Foundation, Extended, and Integrated Services<br>2. Districts using SIS and E-Learning Platform to drive (ED³S) real-time education driven decisions.<br>3. LEA systems are redundant (State system utilized)<br>4. State provides IAAS and SAAS solutions for LEAs |

## MCESA is ADE's IIS partner and pilot site
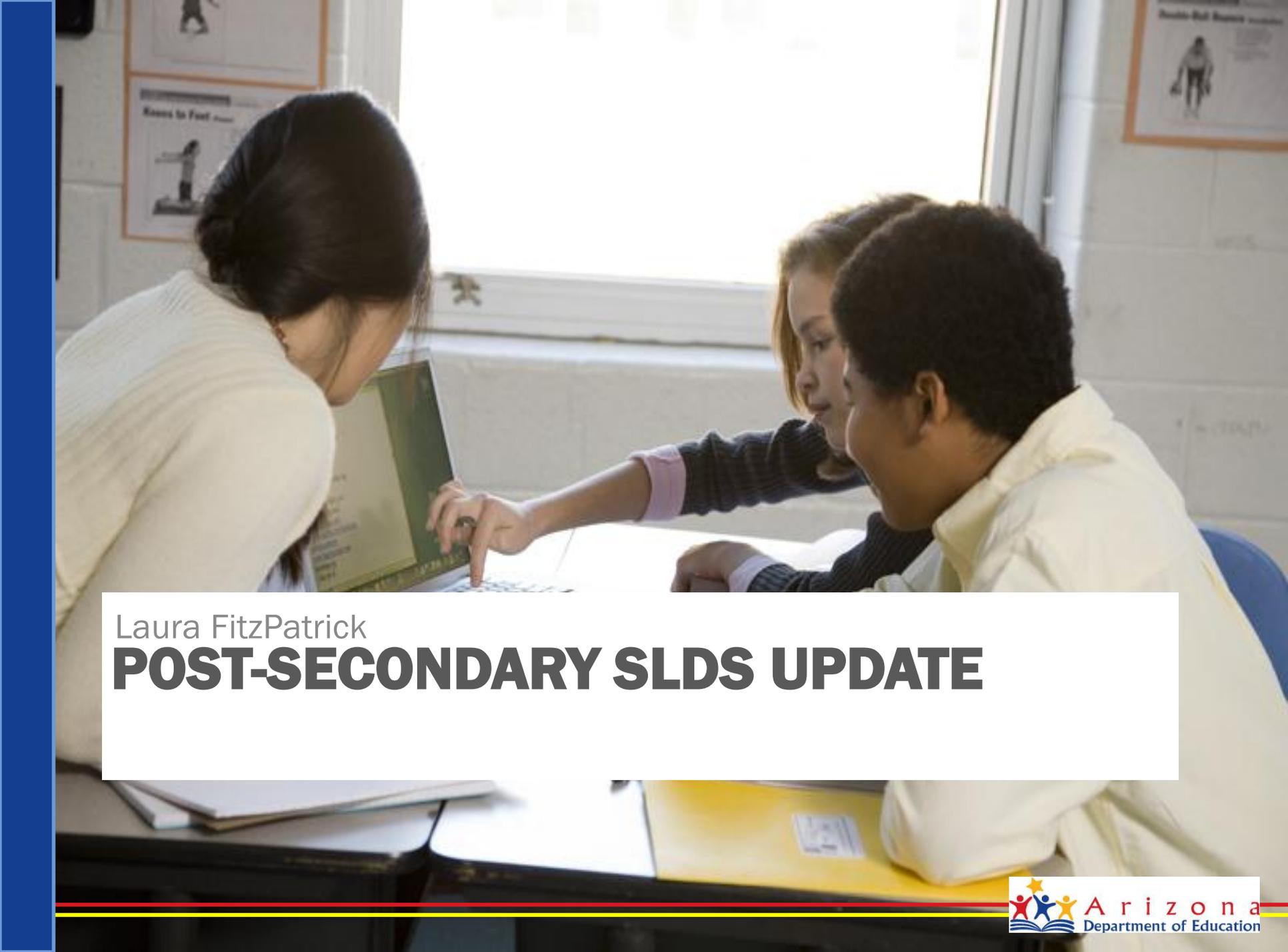
Laura FitzPatrick
# POST-SECONDARY SLDS UPDATE

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# SFSF post-secondary introduction

- Arizona received funds from a *State Fiscal Stabilization Fund (SFSF)* grant to support development of *Statewide Longitudinal Data System (SLDS)*.

- ADE is developing SLDS to benefit students in post-secondary education.

*SFSF post-secondary implementation by ADE will fulfill SFSF grant requirements*

# SFSF post-secondary goals
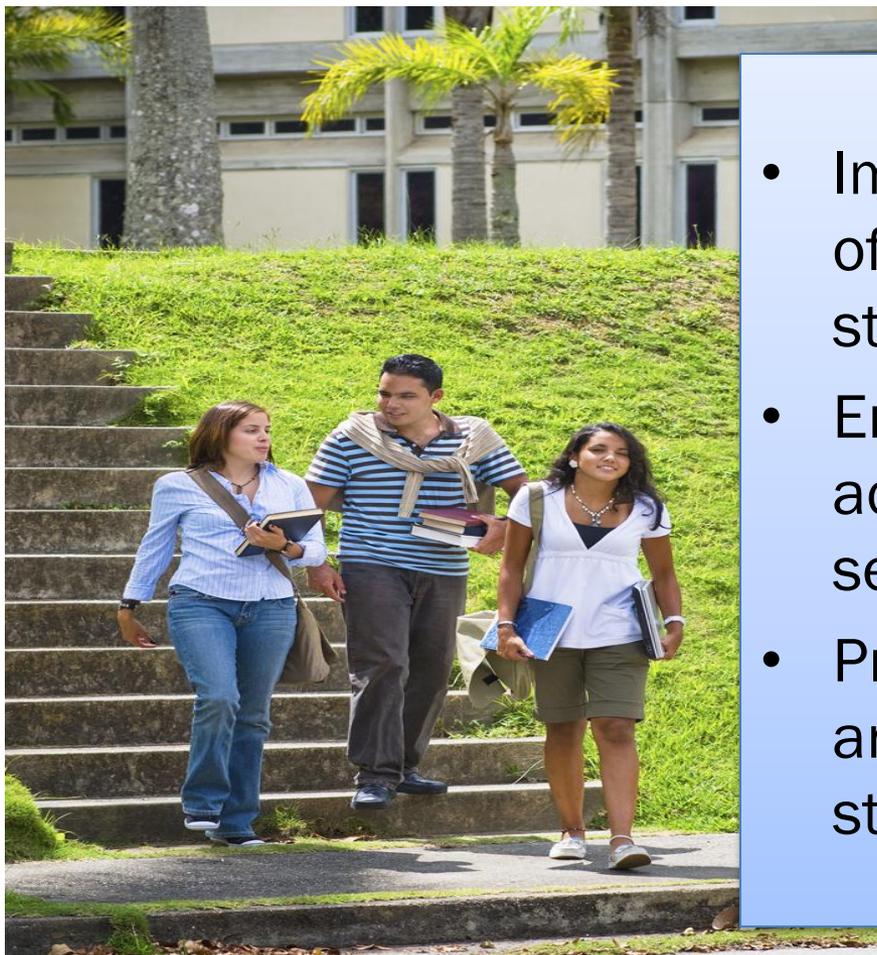


- Improve the collection and usage of K-12 and post-secondary students' data

- Enable the ability to measure the academic needs of post-secondary students

- Provide the ability to standardize and assess post-secondary students' data

# Transcript pilot kick off meeting

- January 10
    - Vail School District
    - Pima Community College
    - University of Arizona

- Focused discussion on *WHAT* was needed
    - Now *how* it would be accomplished

- Vision = bidirectional data flow to make decisions that impact children throughout the preK-20W pipeline

# Electronic transcripts discussion

- Postsecondary Electronic Standards Council (PESC) has standards for high school and college transcripts
  - Are PESC standards the right fit?  Others to consider?
  - Setting standards for exchanging transcripts

- Critical needs
  - Automate the transcript process
  - One place to obtain data
  - All LEAs need to participate

- Information sharing
  - What math courses were taken by high school students before college?
  - What college math courses were taken by LEA grads?

# Top four desired outcomes

1. **Why are so many freshmen not prepared for post-secondary?**

2. Unique IDs

3. Workforce feedback

4. **Workforce demand feedback for student pipeline**

# Monthly SLDS conference call

- Partnership with Arizona Board of Regents

- SLDS progress

- Engaging ADE stakeholders
  - ADE has to build the data warehouse – it should include the elements our partners want to see
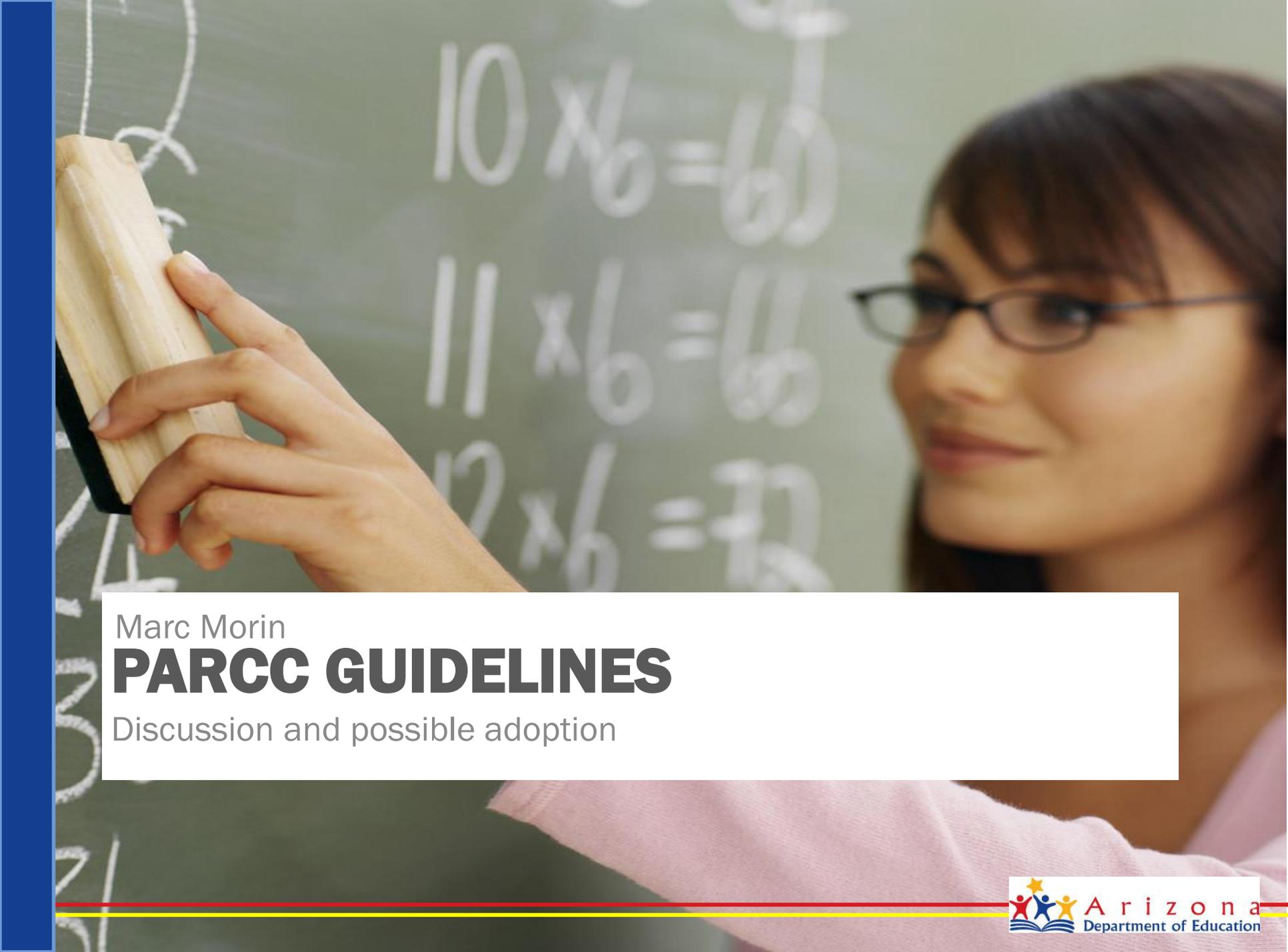
Marc Morin

# PARCC GUIDELINES

Discussion and possible adoption

# LEA technology purchases

- Members expressed concern with ADE proposal
  - Purchase devices that can serve a broad range of instructional needs for teachers and students
  - Emphasis on mobility AND manageability
  - Encourage infrastructure upgrades
- PARCC Version 2.0 guidelines issued December 2012
  - Intent: Ensure devices that are used/procured for instructional needs and Common Core will also meet PARCC requirements.

Action Requested: Approve "Technology Guidelines for PARCC Assessments Version 2.0 – December 2012" as the Arizona standards.

Marc Morin

# DATA GOVERNANCE UPDATES

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# Action and progress

- Internal governance structure
  - Board membership mapped to funding indexes
  - Training guides and manuals under development
  - Introduction March 2013
- Data request process undergoing complete overhaul
  - Development of data management website
    - Centralize published data
    - Control data request entry point and tracking
  - Data request process being developed
    - Include alignment to research agenda
    - Availability of fixed data sets
    - Option to charge for certain requests

# Statewide Ed-Fi implementation

- Michael & Susan Dell Foundation providing resources to develop project plan based on prior implementations
- Detailed plan expected to available end of February 2013
- Tentative budget of $750,000 (excluding training)
- Only collecting data
  - Does not include developing new or modifying existing applications (such as SAIS) to use the newly collected data
- Quality and timeliness of data still subject to statute

| Tasks | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| Vendor Interfaces and Customize DW for State | | | | | | | | |
| Project Management | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Create SIS Data Collection Docs | 240 | 240 | 80 | 80 | 80 | | | |
| Create Assessment Data Collection Docs | | | | 240 | 240 | | | |
| Develop Identity (Student/Staff) Service Layer | | 160 | 160 | 160 | 160 | | | |
| Upgrade ODS & DW Schemas and ETL Packages for Extensions | | | | 160 | 160 | 160 | 160 | 160 |
| Implement Data Ingestion Services | | 160 | 160 | 160 | 160 | | | |

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# AELAS BUDGET UPDATE

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# AELAS FY2013 Program Budget

### As of January 31, 2013

| Project | FY13 Approved Allocation | FY13 Actual Spend | February Request | Remaining Budget Authorization |
|---|---|---|---|---|
| SAIS Phase I Replacement | $1,150,000 | $538,159 | $0 | $611,841 |
| Instructional Improvement System | $550,000 | $157,806 | $0 | $392,194 |
| Improve Internal ADE Programs | $1,400,000 | $974,000 | $0 | $426,000 |
| **Total** | **$3,100,000** | **$1,669,965** | **$0** | **$1,430,035** |

| FY2013 AELAS BUDGET SNAPSHOT | |
|---|---|
| **AELAS FY2012 Allocation Balance** | $627,557 |
| **AELAS FY2013 Allocation Balance** | $4,830,035 |
| **Total AELAS Available Funding Current Balance** | $5,457,592 |

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# Questions

Contact

Lisa M Blyler

Business Liaison

(602) 542-3144

Lisa.Blyler@AZED.gov

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